

Peak District National Park

Forecast valid from 00:00 on Tuesday 15 Dec 2020 until 23:59 on Wednesday 16 Dec 2020

Forecast Issued on Monday 14 Dec 2020 at 16:39

Confidence: High for the unsettled, often windy weather continuing through the coming week but lower for details regarding cloud and timing of the various rain bands.

Headline for Tuesday 15 Dec 2020: Sunny spells and a few showers, especially in the afternoon. Occasionally strong southerly winds.

Mountain weather hazards on Tuesday 15 Dec 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain showers (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
30%	10%	10%	10%	10%	30%	10%	<05%

Forecast for Tuesday 15 Dec 2020

Weather: Clear spells with any evening showers becoming fewer and further between through the early hours. Then a bright day with sunny spells and just a few mainly light showers, although the showers expected to become more frequent and perhaps occasionally heavy for a time in the afternoon. Mainly dry through the evening with clear spells.

Chance of cloud free mountain/hill tops above 600m: Around 75% with occasional cloud above 600m, falling to around 40%, especially in west, for a time in the afternoon as cloud becomes periods above 600m.

Visibility: Good with just brief reductions in showers.

Forecast for Tuesday 15 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/37 SW	22/33 S	21/31 S	22/32 S	23/33 SW	21/30 SW	19/28 SW	17/26 S	19/30 S
300	17/27 S	17/27 S	15/24 S	15/24 S	16/25 S	15/24 S	13/22 S	12/22 S	14/24 S
Valley	12/27 S	11/26 S	9/23 S	9/23 S	11/25 S	10/23 S	9/22 S	8/20 S	9/23 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-3	3/-3	3/-3	4/-2	4/-1	4/-2	3/-2	3/-2
300	6/1	6/1	5/1	5/1	6/2	7/3	6/2	5/1	5/1
Valley	6/3	6/2	6/2	6/2	7/4	7/4	6/3	6/3	5/2
Freezing Level*	1200m	1200m	1100m	1200m	1200m	1200m	1100m	1100m	1100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 40mph over higher summits, especially through the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 14 Dec 2020	5.8mm	12.8mm	30.2mm

Forecast for Wednesday 16 Dec 2020

Weather: Dry with clear spells overnight but cloud increasing through the morning with rain spreading east towards midday. The rain clears east during the afternoon but it remains rather cloudy before more rain arrives from the west towards midnight.

Maximum wind: Southeasterly 20mph increasing 25-30mph with gusts around 45mph over summits, veering southerly in the late afternoon and slowly easing.

Chance of cloud free mountain/hill tops above 600m: Around 25% through the morning, especially in the east with periods of cloud above 600m becoming close to zero around the middle of the day with periods or persistent cloud above 600m and patches below, improving to 75% later as cloud becomes more occasional again.

Visibility: Good or very good falling to several kilometres in rain

Temperature: **Valleys:** Around plus 5 Celsius overnight rising to plus 8 Celsius by day
At 600m: Around plus 4 Celsius.
Freezing level: Above the summits.